

**APPLICATION FOR PERMIT TO APPROPRIATE THE PUBLIC
WATERS OF THE STATE OF NEVADA**

Date of filing in State Engineer's Office DEC 14 2004

Returned to applicant for correction _____

Corrected application filed _____

Map filed Jan 10 2005 under 72015-E

The applicant **Appropriate Parties (the Airport Authority of Washoe County, the City of Reno, and the Lear Entities)** c/o **Kristine S. Burgess, PE** hereby make application for permission to appropriate the public waters of the State of Nevada, as hereinafter stated. (If applicant is a corporation, give date and place of incorporation; if a copartnership or association give names of members.)

1. The source of the proposed appropriation is **underground (i.e. groundwater extraction)**
2. The amount of water applied for is **0.044115** second feet.
 - (a) If stored in reservoir give number of acre-feet
3. The water to be used for **Environmental Groundwater Remediation**
4. If use is for:
 - (a) Irrigation, state number of acres to be irrigated
 - (b) Stockwater, state number and kind of animals to be watered
 - (c) Other use (describe fully under No. 12. "Remarks") **Environmental Groundwater Remediation**
 - (d) Power:
 - (1) Horsepower developed
 - (2) Point of return of water to stream
5. The water is to be diverted from its source at the following point see **Attachment 1**
6. Place of Use **The SE¼ NE¼ Section 30, T.21N., R.19E., M.D.B.&M, Washoe County, Nevada.**
7. Use will begin about **January 1** and end about **December 31** of each year.
8. Description of proposed works **Drilled extraction wells containing pneumatically operated submersible pumps followed by water treatment according to the process described in "No. 12 Remarks".**
9. Estimated cost of works **\$200,000**
10. Estimated time required to construct works **14 days to drill all 15 wells (14 of the 15 extraction wells [DPE-101, DPE-102, DPE-103, DPE-104, DPE-105, DPE-201, DPE-301, DPE-302, GWEX-001, GWEX-002, GWEX-003, GWEX-004, GWEX-005, AND GWEX-006] are included in this application; the other well is included in a separate application for Point of Diversion in the SW¼ NW¼ Section 29, T.21N., R.19E., M.D.B.&M, Washoe County, Nevada). Five months to construct the treatment facility.**
11. Estimated time required to complete the application of water to beneficial use **Five years plus.**
12. Remarks: **Extracted groundwater containing concentrations of volatile organic compounds will be extracted from 15 well locations. The groundwater will be treated with**

72016 E

an oil/water separator followed by a 5-tray low profile air stripper and polished with (2) 250 lbs liquid phase granular activated carbon columns plumbed in series prior to discharge to the sewer.

By s/Kristine S. Burgess-AEEC
2540 E. Bengal Blvd, Suite 200
Salt Lake City, UT 84121

Compared sc/ gkl 1t/gkl

Protested

APPROVAL OF STATE ENGINEER

This is to certify that I have examined the foregoing application, and do hereby grant the same, subject to the following limitations and conditions:

This environmental permit is issued subject to existing rights on the source. It is understood that the amount of water herein granted is only a temporary allowance for pollution control as mandated by orders issued by the Nevada Division of Environmental Protection and subsequent correspondence with said agency. The right will cease to exist upon termination of clean up activity as determined by the Nevada Division of Environmental Protection. A totalizing meter must be installed and maintained in the discharge pipeline near the point of diversion and records of this measurement shall be submitted on an annual basis. It is also understood that this right must allow for a reasonable lowering of the static water level of permittee's well due to other ground water development in the area. The well shall be equipped with a 2-inch opening for measuring depth to water. If the well is flowing, a valve must be installed and maintained to prevent waste. The State retains the right to regulate the use of water granted herein at any and all times.

This environmental permit does not extend the permittee the right of ingress and egress on public, private or corporate lands.

The issuance of this environmental permit does not waive the requirements that the permit holder obtain other permits from State, Federal and local agencies.

This environmental permit is issued pursuant to the provisions of NRS 533.4375. Well drillers reports for any well(s) drilled under this permit shall be filed within 30 days from the completion of the well.

Within 30 days after the completion of the project, the permittee shall notify the State Engineer of such completion and all wells shall be plugged and abandoned in accordance with Chapter 534 of the Nevada Administrative Code.

(CONTINUED ON PAGE 3)

The amount of water to be appropriated shall be limited to the amount which can be applied to beneficial use, and not to exceed **0.044** cubic feet per second, **but not to exceed 31.85 acre-feet annually.**

Work must be prosecuted with reasonable diligence and be completed on or before:

*

Proof of completion of work shall be filed on or before:

*

Water must be placed to beneficial use on or before:

Proof of the application of water to beneficial use shall be filed on or before:

*

Map in support of proof of beneficial use shall be filed on or before:

*

* The right will cease to exist upon termination of clean up activity as determined by the Nevada Division of Environmental Protection.

IN TESTIMONY WHEREOF, I, HUGH RICCI, P.E.,

State Engineer of Nevada, have hereunto set
my hand and the seal of my office,

this 9th day of February A.D. 2004


State Engineer

Completion of work filed _____

Proof of beneficial use filed _____

Cultural map filed _____

Certificate No. _____ Issued _____

ENVIRONMENTAL

Information for Question #5
Points of Diversion

Points of Diversion within the SE¼ NE¼ Section 30, T.21N., R.19E., M.D.B.&M,
Washoe County, Nevada:

- 1) Well **DPE-101** from a point which bears **S 72°59'28" W** a distance of **5,599.44 feet** from the NE corner of Section 29 T.21N., R.19E., M.D.B.&M, Washoe County, Nevada.
- 2) Well **DPE-102** from a point which bears **S 71°24'15" W** a distance of **5,668.45 feet** from the NE corner of Section 29 T.21N., R.19E., M.D.B.&M, Washoe County, Nevada.
- 3) Well **DPE-103** from a point which bears **S 72°19'50" W** a distance of **5,639.69 feet** from the NE corner of Section 29 T.21N., R.19E., M.D.B.&M, Washoe County, Nevada.
- 4) Well **DPE-104** from a point which bears **S 73°48'08" W** a distance of **5,572.94 feet** from the NE corner of Section 29 T.21N., R.19E., M.D.B.&M, Washoe County, Nevada.
- 5) Well **DPE-105** from a point which bears **S 74°34'47" W** a distance of **5,539.70 feet** from the NE corner of Section 29 T.21N., R.19E., M.D.B.&M, Washoe County, Nevada.
- 6) Well **DPE-201** from a point which bears **S 69°34'57" W** a distance of **5,887.90 feet** from the NE corner of Section 29 T.21N., R.19E., M.D.B.&M, Washoe County, Nevada.
- 7) Well **DPE-301** from a point which bears **S 72°03'39" W** a distance of **6,129.84 feet** from the NE corner of Section 29 T.21N., R.19E., M.D.B.&M, Washoe County, Nevada.
- 8) Well **DPE-302** from a point which bears **S 71°47'55" W** a distance of **6,178.81 feet** from the NE corner of Section 29 T.21N., R.19E., M.D.B.&M, Washoe County, Nevada.
- 9) Well **GWEX-001** from a point which bears **S 75°18'02" W** a distance of **5,653.10 feet** from the NE corner of Section 29 T.21N., R.19E., M.D.B.&M, Washoe County, Nevada.
- 10) Well **GWEX-002** from a point which bears **S 72°44'26" W** a distance of **5,774.51 feet** from the NE corner of Section 29 T.21N., R.19E., M.D.B.&M, Washoe County, Nevada.
- 11) Well **GWEX-003** from a point which bears **S 70°23'20" W** a distance of **6,104.07 feet** from the NE corner of Section 29 T.21N., R.19E., M.D.B.&M, Washoe County, Nevada.
- 12) Well **GWEX-004** from a point which bears **S 72°39'05" W** a distance of **6,264.07 feet** from the NE corner of Section 29 T.21N., R.19E., M.D.B.&M, Washoe County, Nevada.
- 13) Well **GWEX-005** from a point which bears **S 74°47'23" W** a distance of **6,644.64 feet** from the NE corner of Section 29 T.21N., R.19E., M.D.B.&M, Washoe County, Nevada.
- 14) Well **GWEX-006** from a point which bears **S 73°10'40" W** a distance of **6,810.31 feet** from the NE corner of Section 29 T.21N., R.19E., M.D.B.&M, Washoe County, Nevada.